

Journal of Advanced Research in Dynamical and Control Systems, 2018, vol.10, N13 Special Issue, pages 553-557

---

## Formation of clusters by means of application of sourcing's models

Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

---

### Abstract

© 2018, Institute of Advanced Scientific Research, Inc.. All rights reserved. Cluster formations are the phenomena which today firmly located in scientific and practical literature as independent economic category in the beginning of the 21st century provoked origin of a new instrument of state support of national economy – cluster policy. However, first, cluster policies of developed countries, for example, such as the USA, Germany, Italy and China, significantly differ from each other, and secondly, in some developing countries, including Russia, there is no approach to realization of cluster policy, finally created and uniform all over the country, that in many respects is a consequence of officials having no uniform understanding of the concept "cluster". In this regard, the scientific researches directed on elaboration of approaches to formalization of cluster educations are actual. To develop the scenario of formation of an industrial cluster by means of application of production outsourcing, in particular, of single sourcing and multisourcing. In the work such model of sourcing as production outsourcing, in particular, single sourcing and multisourcing was applied. The scenario of formation of an industrial cluster by means of application of production outsourcing, in particular, of single sourcing and multisourcing is developed. Results of the work can be useful for economists-theorists and experts-economists for development of the sourcing's tools of a clustering of regional economies, and also as recommendations for heads of large industrial enterprises and officials for the purpose of formation of actions of cluster policy. The scenario of formation of an industrial cluster offered in this work is one of possible others, therefore further scientific research in this direction will allow us to develop an integrated approach to formalization of cluster formations.

---

### Keywords

Cluster policy, Cluster theory, Multisourcing, Outsourcing, Single sourcing

### References

- [1] Tszantchjan Chen, Pizengolts V.M. Review of development of the theory of industrial clusters. URL: [https://www.google.ru/url?sa=t&rct=j&q=&esrc=s&source=web&cd=1&ved=0ahUKEwjX2M2N87PWAhUCOjoKHVw1DngQFgggMAA&url=http%3A%2F%2F193.232.218.56%2Fweb-local%2Ffak%2Ffrj%2Ffiles.php%3Ff%3Dpf\\_225cfd0fd202f32d043e554e458b7338&usg=AFQjCNGBW-HW4reSPsTzpZqyfAUEA](https://www.google.ru/url?sa=t&rct=j&q=&esrc=s&source=web&cd=1&ved=0ahUKEwjX2M2N87PWAhUCOjoKHVw1DngQFgggMAA&url=http%3A%2F%2F193.232.218.56%2Fweb-local%2Ffak%2Ffrj%2Ffiles.php%3Ff%3Dpf_225cfd0fd202f32d043e554e458b7338&usg=AFQjCNGBW-HW4reSPsTzpZqyfAUEA)
- [2] Porter M.E. Clusters and the new economics of competition. Harvard Business Review. – 1998.-11. – P.77-90.
- [3] Anisova N. Clustermode // Internet resource Expert.ru, URL: <http://expert.ru/ural/2013/38/model-klastera/>
- [4] Weber A. The theory of the Location of Industries.-Chicago: Chicago University Press. – 1929.-P.50-92.
- [5] Coase R. The Nature of the Firm. Economica (Blackwell Publishing) 4 (16): 386-405.
- [6] Krugman P. Geografiya and trade. – Beijing: publishing house of Beijing university. – 2000.-No. 12.
- [7] Stan (Stanislaw) Czamanski, and Luis de Abias, Identification of industrial clusters and complexes: a comparison of methods and findings, Urban Studies 16, pp 61-80, 1979
- [8] Bolgova E.V. Economic clusters: institutional nature and condition of efficiency of an innovative framework of the region // Ekon. sciences. 2009. No. 12 (61). 249-252 pp.
- [9] Rekhina I.V. Economic and legal prerequisites of formation of regional clusters in the territory of the RussianFederation // Legal world. – 2012.-No. 10. 34-39 pp.
- [10] Kozlova V.N. Definition of the concept "cluster": need of adoption of the federal law // Electronic resource Novaum.ru. 2016. No. 1.URL: <http://novaum.ru/public/p3>

- [11] Markov L.S. Economic clusters: concepts and characteristic features // Actual problems of social and economic development: look of young scientists, Novosibirsk: IEOPP RAHN, 2005. — Section 1. — 102-123 pp.
- [12] Cluster politicians and cluster initiatives: theory, methodology, practice: stake. The monograph / under edition of Yu.S. Artamonova, B. B. Khrustalyov. – Penza: Yip TugushevS.Yu., 2013. – 230 pages.
- [13] Michael E. Porter, On Competition, Harvard Business School Press, Boston, MA, 1998
- [14] Isavnin A.G., Farkhoutdinov I.I. Application of target costing in the formation of the cost of the vehicle with a high proportion of purchased components // «Economics and Entrepreneurship». 2013. № 9(38). 274-278 p.
- [15] Isavnin A.G., Farkhoutdinov I.I. Comparative analysis of the main advantages and shortcomings of a singlesourcing and multisourcing. // Materials of the international scientific and practical conference "Nauka i innowacja-2012 (science and innovations-2012)", October-15 07 October, 2012, Przemyszl, Poland. – volume 4., 46-49 pp.
- [16] Vinkov A., Krasnova V., Sivakov D. Do you want to become strong – be global // Electronic journal "Expert", 2011. No. 2 (736). URL: <http://expert.ru/expert/2011/02/hochesh-stat-silnyim-bud-globalnyim/>